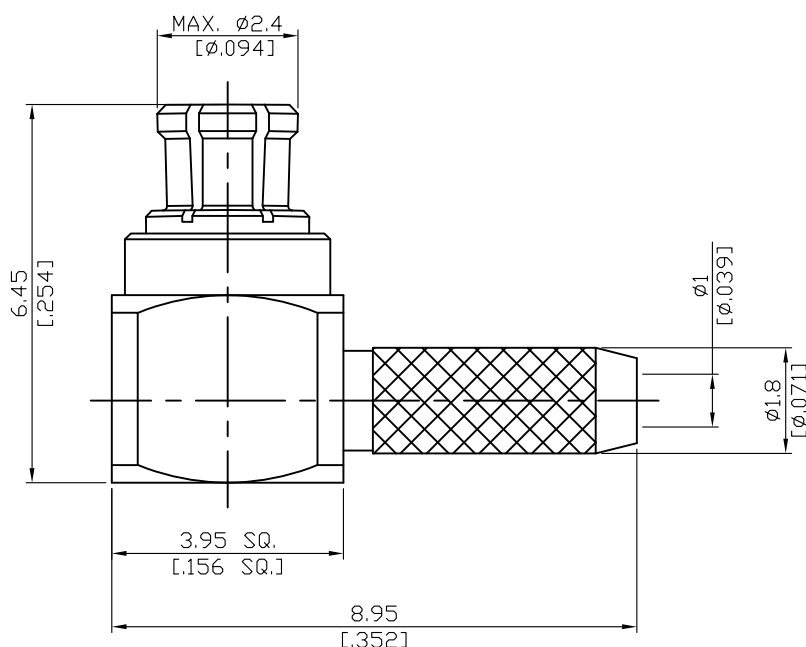


SMPM8100-9178

SMPM Jack Right Angle For RG178,
2GHz VSWR 1.2

50Ω



Parts	Material	Plating (Micro-inch)
Body	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Cover	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Ferrule	Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Suitable Cables: RG178, RG178-FEP

This part number complies with RoHS.

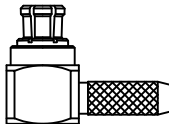
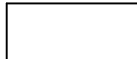
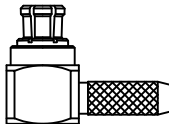
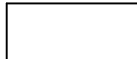
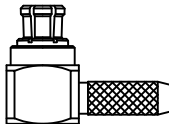
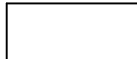
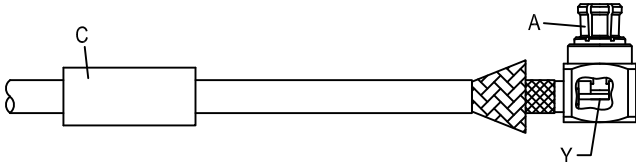
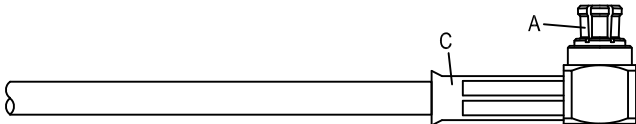
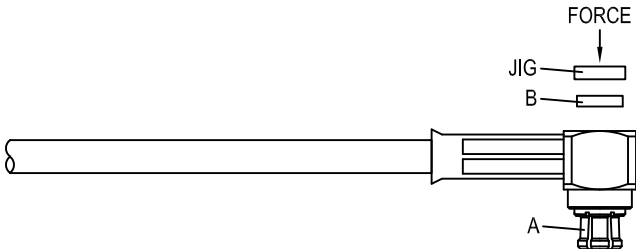
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMPM		SMPM8100-9178																			
Interface MIL-STD-348B																					
Electrical Data <table><tr><td>Impedance</td><td>50Ω</td></tr><tr><td>Frequency range</td><td>DC to 2GHz</td></tr><tr><td>VSWR</td><td>≤ 1.2 (DC to 2GHz)</td></tr><tr><td>Insertion loss</td><td>≤ 0.1 x √f(GHz) dB</td></tr><tr><td>Insulation resistance</td><td>≥ 5000 MΩ</td></tr><tr><td>Contact resistance inner conductor</td><td>≤ 6mΩ</td></tr><tr><td>Contact resistance outer conductor</td><td>≤ 2mΩ</td></tr><tr><td>Dielectric withstanding voltage (at sea level)</td><td>325</td></tr></table>					Impedance	50Ω	Frequency range	DC to 2GHz	VSWR	≤ 1.2 (DC to 2GHz)	Insertion loss	≤ 0.1 x √f(GHz) dB	Insulation resistance	≥ 5000 MΩ	Contact resistance inner conductor	≤ 6mΩ	Contact resistance outer conductor	≤ 2mΩ	Dielectric withstanding voltage (at sea level)	325	
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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SMPPM8100-9178		DATE	2020/07/18	REV	—									
<table><tr><td>A</td><td>B</td><td>C</td></tr><tr><td></td><td></td><td></td></tr><tr><td>BODY</td><td>COVER</td><td>FERRULE</td></tr></table>						A	B	C				BODY	COVER	FERRULE
A	B	C												
														
BODY	COVER	FERRULE												
DIAGRAM			ASSEMBLY INSTRUCTION											
			Step 1: STRIP AS SHOWN.											
			Step 2: SLIDE FERRULE " C " OVER CABLE. Step 3: WRAP THE BRAIDING UPWARDS. Step 4: SLIDE CENTER CONDUCTOR ON THE CONTACT PIN OF CONNECTOR " A " AND SOLDER IN " Y ".											
			Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 2.7mm/0.106inch HEX SECTION OF INSERT-A)											
			Step 6: PRESS ON THE TOP OF " B " WITH JIGS.											
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.														
APPROVED		CHECKED		DRAWING										
				Albert										

SMPM8100-9178

